SYSTEMS AND METHODS FOR SCREENING FOR MODULATORS
OF NEURAL DIFFERENTIATION

ABSTRACT OF THE DISCLOSURE

[00233]   The present invention provides *in vitro* systems for use in identifying

5   modulators of neural differentiation. Also provided are modulators identified by these

systems. The present invention further provides methods for identifying a modulator of

neural differentiation, a modulator of an FGF signalling pathway, a modulator of FGF-

dependent neural differentiation, a modulator of a retinoid signalling pathway, and a

modulator of retinoid-dependent neural differentiation. Also provided are modulators

10   identified by these methods.

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